BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Modified Estimate for the Work of Construction of Anganawadi Building at Kodigehalli in Ward No. 8 Kodigehalli sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1)	Cum							
	Lowering Levelling		1	16.00	13.00	0.20	41.60	TP	
							41.60	**111.19**	**4625.50**
	As Per T.P.	**111.19**							
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.4 PWD SR - 2010-11).	Cum							
	CCL		1	57.75	1.00	1.05	60.64		
	Columns		14	1.85	1.50	1.50	58.28		
	Stair Case Foundation		1	2.50	1.50	0.30	1.13		
	Compound Wall		1	18.20	0.75	0.75	10.24		
							130.28		
	Deductions for Columns Portions(-)		12	1.85	1.00	1.05	23.31		
			2	1.85	0.75	0.75	2.08		
							25.39	TP	
					Net Qty		**104.88**	**200.15**	**20992.48**
	As Per T.P.	**200.15**							
3	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 10mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15)	Cum							
	Columns		14	1.85	1.50	0.10	3.89		
	CCL		1	57.75	1.00	0.10	5.78		
							9.66		
	Deduct Column		14	1.85	1.00	0.10	**2.59**	TP	
					Net Qty		**7.07**	**1063.01**	**7515.48**
	As Per T.P.	**1063.01**							
4	KSRRB 2900-4.1: Providing and laying in position plain cement concrete mix 1:4:8 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (P.12/4.3)	Cum							
	CCL		1	57.75	1.00	0.15	8.66		
	Columns		14	1.85	1.50	0.15	5.83		
	Stair Case Foundation		1	2.50	1.50	0.20	0.75		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Compound Wall		1	18.20	0.75	0.15	2.05		
	Building Surroundings		1	16.00	1.20	0.15	2.88		
			1	11.00	1.20	0.15	1.98		
			1	11.00	3.60	0.15	5.94		
							28.09		
	Deductions for Columns Portions(-)		12	1.85	1.00	0.15	3.33		
			2	1.85	0.75	0.15	0.42		
							3.75	TP	
					Net qty		**24.34**	3599.35	**87612.68**
	As Per T.P.	**3599.35**							
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation **cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.22/5.6)	**Cum**							
	CCL 1st Footing		1	57.75	0.75	0.40	17.33		
	2nd Footing		1	57.75	0.60	0.40	13.86		
	Compound Wall		1	18.20	0.60	0.45	4.91		
							36.10		
	Deductions for Columns Portions(-) Columns		12	0.45	0.23	0.80	0.99		
			2	0.45	0.23	0.45	0.09		
							1.09	TP	
					Net qty		**35.01**	**2673.10**	**93591.00**
	As Per T.P.	**2673.10**							
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.22/5.90)	**Cum**							
	CCL Basement		1	57.75	0.45	0.45	11.69		
	Compound Wall		1	18.20	0.45	0.45	3.69		
							15.38		
	Deductions for Columns Portions(-) Columns		14	0.45	0.23	0.45	0.65	TP	
					Net qty		**14.73**	3166.81	**46640.22**
7	KSRB 4-1.5: Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not excedding 15cms. Thick well compacted in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification.(P12/4.5)	**Cum**							
	Coping Concrete		1	57.75	0.45	0.10	2.60		
	Compound Wall		1	18.20	0.45	0.10	0.82		
	Solid Black Wall coping		1	57.75	0.23	0.08	1.00		
			1	2.50	1.50	0.10	0.38		
							4.79		
	Deductions for Columns Portions(-) Columns		14	0.45	0.23	0.45	0.65		
							0.65	TP	
					Net qty		**4.14**	4802.47	**19867.28**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 15.1.1 Providing flush pointing to coursed stone masonry with **cement mortar 1:3,** 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.122/I.15.3)	**Sqm**							
	Outside		1	46.75		0.45	21.04		
	Compound Wall		1	18.25		0.45	8.21	TP	
					Net qty		**29.25**	69.27	**2026.15**
9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2010-11).	Cum						TP	
					Qty vide item No.2		**104.88**	89.84	**9422.76**
10	KSRB 2.6: Prividing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. (P6/2.13)	Cum							
	Hall		2	11.95	5.20	0.20	24.96	TP	
					Net qty		**24.96**	1134.18	**28309.13**
11	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P14/4.28)	Sqm							
	Footings		14x2	1.85		0.50	25.90		
			14x2	1.50		0.50	21.00	TP	
					Net qty		**46.90**	164.57	**7718.33**
12	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4.32)	Sqm							
	Ground Floor:- Columns		14	1.35		3.85	72.77	TP	
					Net qty		**72.77**	255.75	**18609.65**
13	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specifications. (P15/4.36)	Sqm							
	Plinth		2	57.75		0.30	34.65		
	Verahanda		2	18.20		0.20	7.28	TP	
					Net qty		**41.93**	515.94	**21633.36**
14	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials, labour complete as per specifications.(P15/4.34)								
	Ground Floor:- Lintel		2	57.75		0.20	23.10		
	Tie Beams		2	57.75		0.30	34.65		
	Verahanda		2	12.05		0.30	7.23		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	12.05		0.23	2.77		
	Center Beam		2x2	10.77		0.30	12.92		
			1x2	10.77		0.23	4.95	TP	
					Net qty		**85.63**	177.91	**15234.38**
15	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.15/I.4.37)	**Sqm**							
	Ground Floor:- W		9	1.50	0.50		6.75	TP	
					Net qty		**6.75**	191.25	**1290.94**
16	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/I.4.29)	**Sqm**							
	Ground Floor:- Roof		1	15.90	11.00		174.90		
	Roof Sides		1	51.45	0.20		10.29		
	Landing		1	2.10	1.20		2.52		
	1st Flight		1	3.40	1.20		4.08		
	2nd Flight		1	2.70	1.20		3.24		
							195.03		
	Deduct		1	3.80	3.65		13.87		
			1	2.35	2.00		4.70		
							18.57	TP	
					Net Qty		**176.46**	244.63	**43167.41**
17	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.17)	**Cum**							
	A) Ground Floor:- Footing Concrete		14	1.85	1.50	0.45	17.48		
	Columns		14	0.45	0.23	3.85	5.58		
	Plinth		1	57.75	0.23	0.30	3.98		
			1	18.20	0.23	0.30	1.26		
	Lintel		1	57.75	0.23	0.20	2.66		
	CCL		1	19.00	0.10	0.20	0.38		
			1	10.00	0.10	0.20	0.20		
	Tie Beams		1	57.75	0.23	0.30	3.98		
			2	10.77	0.23	0.30	1.49		
	Verhanda		1	12.05	0.23	0.30	0.83		
	Roof		1	12.25	11.00	0.15	20.21		
			1	3.65	7.20	0.15	3.94		
			1	3.46	3.46	0.15	1.80		
	S/c Foundation		1	1.50	0.60	0.45	0.41		
	Landing Slab		1	2.00	1.10	0.15	0.46		
	1st Flight		1	3.40	1.00	0.15	0.51		
	2nd Flight		1	2.70	1.00	0.15	0.41		
	Steps		21x1/2	1.00	0.25	0.15	0.39		
							65.96		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Deductions (-)								
			1	2.00	2.35	0.15	0.71		
	Plinth		14	0.45	0.23	0.30	0.43		
	Lintel		14	0.45	0.23	0.20	0.29		
							1.43	TP	
					Net Qty		**64.53**	5402.92	**348657.99**
18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P. 13/4.19 PWD SR - 2010-11).	**Sqm**							
	Ground Floor:- W		9	1.25	0.50		5.63	TP	
			1	3.50	0.60		2.10		
			1	1.80	2.50		4.50		
					Net qty		**12.23**	408.30	**4991.00**
19	Providing and fabricating TMT Steel reinforcement bars including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as per designs (laps, hooks and wastages shall not be measured and paid) including cost of all materials, labour, HOM of machineries complete as per specifications. (P16\4.46)	Qntl							
	(1.1 Qntl/Cum)	Qty Vide Item No 17 & 18					72.62	TP	
					Net qty		**72.62**	5358.44	**389103.00**
20	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P24/5.27)	**Sqm**							
			Not Executed						
21	KSRRB 2900-4.1: Providing and laying in position plain cement concrete mix 1:3:6 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (P.12/4.2)	**Cum**							
	Hall		2	5.20	11.85	0.15	18.71	TP	
					Net qty		**18.71**	3954.06	**73980.46**
22	KSRB 14.10-1: Flooring with **25mm to 40mm thick polished tandur blue stone slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications. (P.89/14.15)	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			Not Executed						
23	Supplying and fixing pressed steel door frames size 125x65mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made our of seasoned Honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm. width and bottom rails of 250mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manugactureing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipement and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4.(P38/7.26)	**Sqm**							
			Not Executed						
24	KSRB 7.7: Providing and fixing in position in cement concrete 1:3:6 steel galzed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Jg/m duly providing T section 19x19x3mm weighing 0.839Kg/m for glazing of windows not more than 34cms. c to c including providing and fixing 4mm. thick reeded glass to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. (P31/7.7)	**Sqm**							
	W		8	1.20		1.20	11.52		
	V		1	0.90		0.60	0.54		
	Total Executed Qty				Net qty		**12.06**	TP	
	Tender Qty Up to 125% x Tender Rate						**9.74**	2971.10	**28931.00**
	Above 125%						**2.32**	3461.02	**8038.00**
	PWD SR 2012-13 Basic Rate	3112.00							
	Area Weightage @ 6%	186.72							
	Total	**3298.72**							
	Tender Premium 4.92%	**162.30**							
		3461.02							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
25	KSRB 7.1: Providing and fixing in position collapsable steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stopers, handles on borht sides with 7.5cms opeinings at 10cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.(P30/7.1)	Sqm							
			Not Executed						
26	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with **cement mortar 1:4**, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.22)	**Sqm**							
	Anganavadi Building		2	7.62	5.18		78.94		
	Rooms 1		1	3.96	3.00		11.88		
			1	2.13	2.10		4.47		
	Rooms 2		1	3.05	2.75		8.39		
	Kitchen		1	3.96	1.50		5.94		
	Toilets		2	4.20	3.00		25.20	TP	
					Net qty		**134.82**	132.10	**17810.21**
27	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97/15.14)	**Sqm**							
	Anganavadi Building		4	7.62		3.00	91.44		
			4	5.18		3.00	62.16		
	Room		2	3.96		3.00	23.76		
			2	3.00		3.00	18.00		
	Room 1		2	3.05		3.00	18.30		
			2	5.75		3.00	34.50		
	Store		2	2.13		3.00	12.78		
			2	2.10		3.00	12.60		
	Staire case		2	4.75		3.00	28.50		
			2	3.00		3.00	18.00		
			2	2.40		3.00	14.40		
	Toilet		2	3.60		3.00	21.60		
			2	1.50		3.00	9.00		
			2	1.50		2.10	6.30		
	Sump		2	3.00		2.40	14.40		
			2	3.00		2.40	14.40		
							400.14		
	Ground Floor Deductions (-)								
	D		2	1.20		2.10	5.04		
	D1		2	0.90		2.10	3.78		
	PVC D		3	0.75		2.10	4.73		
							13.55	TP	
					Net qty		**386.60**	123.20	**47628.50**
28	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99/15.33)	**Sqm**						TP	
	A) Ground Floor	**Qty Vide Item No. 26 + 27**					**521.42**	17.79	**9276.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
29	Providing wall black boards in CM 1:3 with two coats of black paint including finishing etc. complete. (P234/37.30)	**Sqm**						TP	
			2	3.00	1.20		7.20	551.20	**3968.64**
30	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry and concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.19)	**Sqm**							
	Roof		1	12.30	11.00		135.30		
			1	3.65	7.20		26.28	TP	
					Net qty		**161.58**	173.24	**27992.00**
31	KSRB 15.3.3 Providing 12mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P97/15.11)	**Sqm**							
	A) Ground Floor:-		2	12.30	5.18		127.43		
			2	11.00	5.18		113.96		
	Compound Wall		2	53.00	1.80		190.80		
							432.19		
	Deductions (-) D								
	W		8	1.20		1.20	11.52		
	V		1	0.90		0.60	0.54		
							12.06	TP	
					Net qty		**420.13**	111.75	**46949.30**
32	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P42/8.19)	**Rmtr**						TP	
			4	3.60			**14**	470.35	**6773.00**
33	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P101/15.49)	**Sqm**						TP	
	A) Ground Floor	**Qty vide item No 28**					**521.42**	54.49	**28412.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
34	KSRB 15-13.3: Providing and applying two coats dry distemper of approved brand, and shade on wall surface including priming coat and whitening after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. (P.100/15.47.1)	**Sqm**						TP	
	A) Ground Floor		**Qty Vide Item No. 31**				**420.13**	38.25	**16070.00**
35	KSRB 11-2: Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580x440mm with integral type footrests, 100mm S or P trap, 10 litre low level, PVC flushing cistern (all are Approved make) with fitting CI/M.S brackets, 32mm diameter flush pipe fittings and clamps overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required including cost of materials labbour complete as per specifications Specification No. KBS11 Page. 67/ Item 12.2	**Pan**						TP	
			1				**1.00**	3552.65	**3552.65**
36	KSRB 11-11.3 Providing and fixing white vitreous china clay, flat back wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with C.I/M.S brackets 32mm C.P. brass waste of standard pattern painting of fittings and brackets, cutting and making good the wall and floor wherever required including cost of materials labour complete as per specifications. Specification No. KBS 11 (Page. 70/ Item 12.30	**Unit**						TP	
			2				**2.00**	3746.13	**7492.26**
	EXTRA ITEMS								
1	KSRB 6-5.3 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of **class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure** including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 **Page No. 32/Item No. 6.17/ PWD SR 2012-13**	Cum							
	A) Ground Floor:-								
	Long Walls		1	57.75	0.23	3.15	41.84		
							41.84		
	Ground Floor Deductions (-)								
	D		2	1.20	0.23	2.10	1.16		
	D1		2	0.90	0.23	2.10	0.87		
	PVC D		2	0.75	0.23	2.10	0.72		
	W		8	1.20	0.23	1.20	2.65		
	Lintel		1	57.75	0.23	0.20	2.66		
	Tie Beam		1	57.75	0.23	0.30	3.98		
							12.04		
					Net qty		**29.80**	**5236.40**	**156023.38**
	PWD SR 2012-13 Basic Rate	4940.00							
	Area Weightage @ 6%	296.40							
	Total	**5236.40**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
2	KSRB 6-8.1 :Construction of partition wall 10 cms thick with table moulded modular burnt bricks of class designation 50 with cement mortar 1:4including providing and fixing plaster mesh manufactured out of hot dipped gelvanised iron of nominal thickness 0.35 mm. 100 mm. wide as per I.S. 2212/1991 at 7.5 m. c to c including cost of materials, labour charges, scaffolding, curing complete as per specifications.	**Sqm**							
			2	3.50		3.15	22.05		
			1	1.50		3.10	4.65		
							26.70	**637.06**	**17009.50**
	PWD SR 2012-13 Basic Rate	601.00							
	Area Weightage @ 6%	36.06							
	Total	**637.06**							
3	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33. **Page No. 55 / Item No. 9.11/ PWD SR 2012-13**	Cum							
	MD		2x2	2.10	0.15	0.12	0.15		
			2x2	1.05	0.15	0.12	0.08		
	D1		2x2	2.10	0.15	0.12	0.15		
			2x2	0.90	0.15	0.12	0.06		
					Net qty		**0.45**	**75699.90**	**34065.00**
	PWD SR 2012-13 Basic Rate	71415.00							
	Area Weightage @ 6%	4284.90							
	Total	**75699.90**							
4	KSRB 9.5-2: Providing and fixing in position fully **panelled Honne wood shutters for doors**, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures).Specification No.9.34. **Page No. 56 / Item No. 9.15/ PWD SR 2012-13**	Sqm							
	MD		2	1.20		2.10	5.04		
	D		2	0.90		2.10	3.78		
					Net qty		**8.82**	**3474.68**	**30647.00**
	PWD SR 2012-13 Basic Rate	3278.00							
	Area Weightage @ 6%	196.68							
	Total	**3474.68**							
5	Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge **Page No. 62/ Item No. 9.84/ PWD SR 2012-13 SOLID PVC DOOR FRAME**	Sqm							
			3	0.75		2.10	4.73		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
					Net qty		4.73	332.84	1573.00
	PWD SR 2012-13 Basic Rate	314.00							
	Area Weightage @ 6%	18.84							
	Total	332.84							
6	SOLID PANEL PVC DOOR SHUTTER Providing and fixing 30 mm thick factorily made rigid foam panelled door shutters made from M.S Tuvbe of 19 gauge thickeness size 19x19 mm tro styles and 15x15mm for top and bottom rails, coverted with heat moulded PVC channel of 5 mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rails & bottom rail panelling of 5 mm thick 20mm wide PVC sheet fittled in te M.S Frame sealed to the styless & rails with 5 x 30mm PVC sheet beading on ewither sides & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer - in charge fixed to frames with 3 nos, of 75mm Aluminium hinges **Page No. 62 / Item No. 9.83 / PWD 2012-13**	Sqm							
			3	0.75		2.10	4.73		
					Net qty		4.73	2002.34	9461.00
	PWD SR 2012-13 Basic Rate	1889.00							
	Area Weightage @ 6%	113.34							
	Total	2002.34							1746661.66
	Total								1746661.94
	(Rupees Seventeen Lakh Forty Six Thousand Six Hundred Sixty One and Ninety Four Paisa Only)								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2010-11 and Extra Items as per 2012-13.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

6/2/2013

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
Bangalore-92

27/02/13

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara Palike
Bangalore 92